

FILE 'REGISTRY' ENTERED AT 18:16:07 ON 02 JAN 2003  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
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Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 1 JAN 2003 HIGHEST RN 477930-11-3  
DICTIONARY FILE UPDATES: 1 JAN 2003 HIGHEST RN 477930-11-3

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP  
PROPERTIES for more information. See STN Note 27, Searching Properties  
in the CAS Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

Uploading 09847384.str

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 18:16:56 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED 0 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 0 TO 0  
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

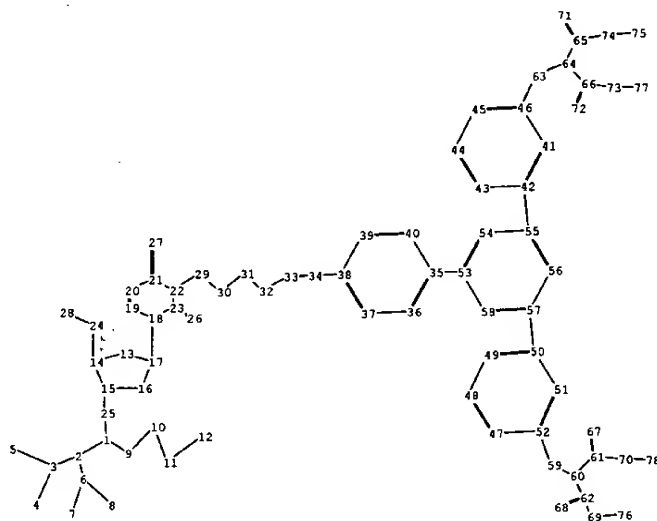
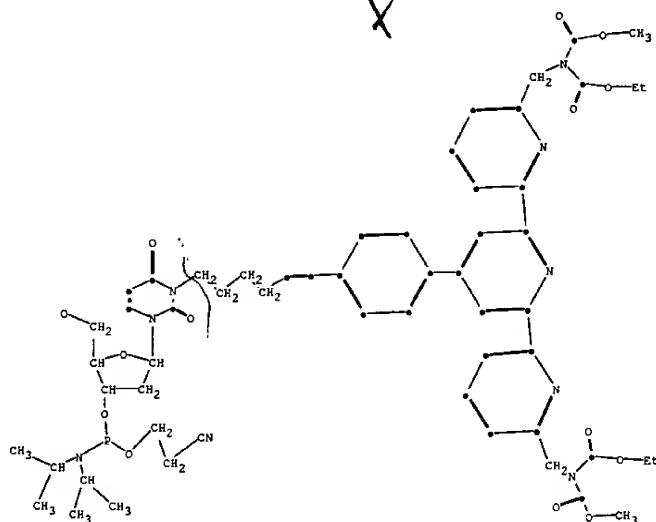
=> s l1 sss full

FULL SEARCH INITIATED 18:17:14 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 2 TO ITERATE

100.0% PROCESSED 2 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.01

L3 0 SEA SSS FUL L1

*methods*



## chain nodes :

1 2 3 4 5 6 7 8 9 10 11 12 24 25 26 27 28 29 30 31 32 33 34 59 60  
61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78

## ring nodes :

13 14 15 16 17 18 19 20 21 22 23 35 36 37 38 39 40 41 42 43 44 45  
46 47 48 49 50 51 52 53 54 55 56 57 58

## chain bonds :

1-9 1-2 1-25 2-3 2-6 3-4 3-5 6-7 6-8 9-10 10-11 11-12 14-24 15-25 17-18  
21-27 22-29 23-26 24-28 29-30 30-31 31-32 32-33 33-34 34-38 35-53 42-55 46-63  
50-57 52-59 59-60 60-61 60-62 61-67 61-70 62-68 62-69 63-64 64-65 64-66 65-71  
65-74 66-72 66-73 69-76 70-78 73-77 74-75

## ring bonds :

13-14 13-17 14-15 15-16 16-17 18-19 18-23 19-20 20-21 21-22 22-23 35-36 35-40  
36-37 37-38 38-39 39-40 41-42 41-46 42-43 43-44 44-45 45-46 47-48 47-52 48-49  
49-50 50-51 51-52 53-54 53-58 54-55 55-56 56-57 57-58

## exact/norm bonds :

1-9 1-2 1-25 2-3 2-6 13-14 13-17 14-15 15-16 15-25 16-17 17-18 18-19 18-23  
19-20 20-21 21-22 21-27 22-23 23-26 60-61 60-62 61-67 61-70 62-68 62-69 64-65  
64-66 65-71 65-74 66-72 66-73

## exact bonds :

3-4 3-5 6-7 6-8 9-10 10-11 11-12 14-24 22-29 24-28 29-30 30-31 31-32 32-33  
33-34 34-38 35-53 42-55 46-63 50-57 52-59 59-60 63-64 69-76 70-78 73-77 74-75

## normalized bonds :

35-36 35-40 36-37 37-38 38-39 39-40 41-42 41-46 42-43 43-44 44-45 45-46 47-48  
47-52 48-49 49-50 50-51 51-52 53-54 53-58 54-55 55-56 56-57 57-58

## Match level :

1:Atom 2:Atom 3:Atom 4:CLASS 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom  
12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom 21:Atom  
22:Atom 23:Atom 24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS 29:CLASS 30:CLASS  
31:CLASS 32:CLASS 33:CLASS 34:CLASS 35:Atom 36:Atom 37:Atom 38:Atom 39:Atom  
40:Atom 41:Atom 42:Atom 43:Atom 44:Atom 45:CLASS 46:CLASS 47:CLASS 48:CLASS  
49:CLASS 50:CLASS 51:Atom 52:Atom 53:Atom 54:Atom 55:Atom 56:Atom 57:Atom  
58:Atom

59:CLASS 60:Atom 61:Atom 62:Atom 63:CLASS 64:CLASS 65:CLASS 66:CLASS  
67:CLASS 68:CLASS 69:Atom 70:Atom 71:Atom 72:Atom 73:Atom 74:Atom 75:Atom  
76:Atom 77:Atom 78:Atom